

# SAP HANA Installing and administering

Course code: HA200

This course covers in detail all key capabilities of SAP HANA database system administration. Through the lectures and exercises you will learn how to install, update, and operate an SAP HANA 2.0 database using SAP HANA cockpit 2.0. The course covers the most important database administration tasks of an SAP HANA system administrator. During the course, you will learn details about starting and stopping, changing the configuration parameters, monitoring the database, backup and recovery and troubleshoot of a multitenant SAP HANA 2.0 database system. Course based on software release: SAP HANA 2.0 SPS06.

## Who is the course for

- Database Administrator
- Help Desk/CoE Support
- System Administrator
- Technology Consultant

## What we teach you

This course will prepare you to:

- Install, update and configure an SAP HANA 2.0 database system.
- Installation, update and configure of SAP HANA cockpit 2.0
- Perform the SAP HANA system administration tasks using SAP HANA cockpit 2.0 in a multitenant database environment.
- Start and stop, change the configuration, backup and troubleshoot an SAP HANA 2.0 database.
- Backup and recover a multitenant SAP HANA 2.0 database.

## Required skills

### Essential

- HA100

### Recommended

- Some experience with the Linux operating system
- Some experience in database administration

## Course outline

- This course is the best starting point to learn about SAP HANA installation, update, configuration and system administration.
- The course is independent from the SAP NetWeaver administration world, as it teaches how to perform system administration on the SAP HANA platform. The system administration tools used are native to the SAP HANA platform.
- Throughout the course, you will learn about the following SAP HANA tools for installation, update, configuration and system administration.
- SAP HANA database lifecycle manager (HDBLCM)
- SAP HANA cockpit 2.0
- SAP HANA HDBSQL command line
- At the end, you will be able to perform all the required daily system administration tasks on the SAP HANA database platform.
- Contents:
- SAP HANA introduction
- Installation sizing and OS preparations
- SAP HANA installation and upgrade of a multitenant database
- SAP HANA architecture and deployment options
- SAP HANA cockpit 2.0 installation and configuration

### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



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- SAP HANA Administration tools
- Post installation steps
- Database administration tasks using SAP HANA cockpit 2.0
- Backup and recovery using SAP HANA cockpit 2.0
- SAP HANA Security
- User and authorizations

## What you need to know

- In case you need to "deep-dive" on specific subjects, this course can be coherently combined with the other courses in the SAP HANA Curriculum, for example HA201 for High availability and Disaster Tolerance, HA215 for SAP HANA Monitoring and Performance Tools, HA250 for database migration.

**GOPAS Praha**  
Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**  
Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**  
Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



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